Electronic Acknowledgement Receipt						
EFS ID:	5080997					
Application Number:	10719487					
International Application Number:						
Confirmation Number:	2512					
Title of Invention:	Apparatus and method to control access to logical volumes using one or more copy services					
First Named Inventor/Applicant Name:	Juan A. Coronado					
Customer Number:	49080					
Filer:	Dale Regelman/Reena Mendez					
Filer Authorized By:	Dale Regelman					
Attorney Docket Number:	TUC920030140US1					
Receipt Date:	01-APR-2009					
Filing Date:	20-NOV-2003					
Time Stamp:	20:55:17					
Application Type:	Utility under 35 USC 111(a)					
Payment information:	•					

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$130
RAM confirmation Number	6214
Deposit Account	170055
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Fee Worksheet (PTO-06)	fee-info.pdf	30137	no	2
Tee Worksheet (1 10 00)	rec worksheet (110 00)	· '	357f2fa338a5b286968a3324660ebb76df13 97eb		
Warnings:					
Information:					
	Total Files Size (in bytes): 30137				

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.